

# THE AVENDT GROUP, INC.

ENGINEERS & SCIENTISTS

US EPA RECORDS CENTER REGION 5



540729

Mr. Tim Maley (SR-6J)  
Remedial Project Manager  
U.S. EPA Region 5  
77 West Jackson Boulevard  
Chicago, IL 60604-3590

May 5, 2017

Re: **Monthly Progress Report, April 2017**  
L.A. Darling Former Facility, NBFF OU2

Dear Mr. Maley,

Pursuant to Section XI. Order, paragraph 42 Progress Reports of the Administrative Order for Remedial Design and Remedial Action effective July 3, 2011 for the above referenced facility; this is the Monthly Progress Report for work completed during April 2017.

## ACTIVITIES COMPLETED AND ANY PROBLEMS ENCOUNTERED -

1. **Pump Test Plan Work-** Chris Bade, E & G Construction Services (drilling crew), and representatives of U.S. EPA and MDEQ were at the Site during April for the performance of the Revised Pump Test Work Plan Step Tests. The detailed Pump Test Report, including figures and tables of laboratory results and monitoring well elevations; will be prepared by Chris Bade for submittal to regulatory agencies during June.
2. **Preliminary Results-** Measurable decreases in the groundwater monitoring well elevations were observed during all of the 50 gpm step increments of the pump test. The groundwater laboratory data obtained during step testing was typical of the historical groundwater data observed at the completion of the AS/SVE phase for the following COC's:

a. cis-1,2-Dichloroethene	7.9	to	8.8 ug/l
b. Trichloroethene	740	to	760 ug/l
c. Chromium	220	to	240 ug/l
d. Cyanide, Total	72	to	77 ug/l
3. **Groundwater Extraction and Treatment** - Bench testing of the proposed treatment system outlined in the ROD (granular activated carbon and chemical precipitation) will be continued to finalize process selection and develop design criteria for the interim groundwater remedy.
4. **RDWP Outstanding Sections** - Work continues on the following sections that require revisions and resubmittal to the regulatory agencies (note that some are contingent on Pump Test results):

Executive Summary
5. 95% Design Criteria, continued
  - 5.2 Groundwater Action Alternative 1 - Phase I, Air Sparge/Soil Vapor

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Extraction System

5.3 Groundwater Action Alternative 1 – Phase II, Groundwater Extraction & Treatment System

6. Applicable or Relevant and Appropriate Requirements, with appropriate tables, and
7. References expanded to include all documents prepared for Site cited in text.

#### **VALIDATED DATA RECEIVED AND NOT PREVIOUSLY REPORTED-**

1. **Lab Data-** No site groundwater data generated in April 2017. Pump test lab data will be reported in the Pump Test Report with the laboratory validation reports.

#### **RD/RA WORK PLANNED FOR NEXT 90 DAYS –**

1. **On-Site Inspections-** Maintain contact with RPM and MDEQ for scheduling of any on-site inspections and/or confirmatory groundwater sampling.
2. **Regulatory Agency Comments -** Requests for clarification of specific pump test results will be handled; as needed, in the interim.

#### **ANTICIPATED PROBLEMS AND PLANNED RESOLUTIONS – None.**

If you should have any questions or comments regarding this progress report, please do not hesitate to contact me at your convenience (312) 543-6257.

Respectfully,

**The AVENDT GROUP, Inc.**

*Raymond J. Avendt*

Raymond J. Avendt Ph.D. PE  
Project Coordinator

Cc: B. Mead-O'Brien & C. Graff, MDEQ;  
S. Franzetti, NF LLP